

AMENDMENTS TO THE CLAIMS

Listing of claims:

Cancel claims 1-9.

Kindly add the following claims:

10. A method of processing incoming wastewater comprising the steps of: heating the wastewater to temperatures on the order of 175°F; passing the heated wastewater through an entry orifice within a flash chamber for conversion into vapor and contaminate portions during a single evaporation stage; withdrawing the contaminate portion from the flash chamber for storage as waste; withdrawing the vapor portion from the flash chamber for cooling and collection thereof as a condensate distillate; and discharging the condensate distillate upon said collection thereof exceeding a predetermine distillate level.
11. A method for processing incoming wastewater onboard a sea vessel, comprising the steps of: preheating the wastewater; passing the wastewater after said preheating thereof into a flash chamber for conversion into water vapor with contaminate portions therein; filtering the water vapor portion while rising within the flash chamber for separation thereof from the contaminate portion collected within the flash chamber as a liquefied contaminated condensate below the rising water vapor portion; cooling the rising water vapor portion after said filtering thereof for overboard discharge from the flash chamber as a contaminate-free condensate; and withdrawing the contaminated condensate from the flash chamber for onboard storage.
12. The method as defined in claim 11, wherein said preheating of the wastewater effects a rise in temperature thereof to approximately 175°F.